

**2024 Estimated Costs and Returns per Acre
Cantaloupe, Plastic Mulch, Drip Irrigated, Rio Grande Valley
South Extension District - 12**

Crop Acres		40				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total		
Cantaloupes	400.00	Carton	\$9.50	\$3,800.00	\$152,000.00		
Total Revenue				\$3,800.00	\$152,000.00		
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
Production Costs							
Fertilizer							
Phosphorus (46% P2O5)	1.5	CWT	\$43.15	\$64.73	\$2,589.00		
UAN (32% N)	3.74	CWT	\$33.95	\$126.97	\$5,078.92		
Custom							
Bee Rental	1	Hive	\$85.00	\$85.00	\$3,400.00		
Harvest Cantaloupe	400	Carton	\$3.50	\$1,400.00	\$56,000.00		
Pack and Count Cantaloupe	400	Carton	\$3.50	\$1,400.00	\$56,000.00		
Seed							
Cantaloupe Seedlings	24	Thousand	\$25.00	\$600.00	\$24,000.00		
Miscellaneous							
DripTape (2 seasons)	6550	Foot	\$0.03	\$208.95	\$8,357.80		
Plastic Mulch, 3x4K'	0.61	Roll	\$198.00	\$120.78	\$4,831.20		
Sulfuric Acid	27	Ounce	\$0.22	\$5.99	\$239.55		
Herbicide							
Prefar 4E	2.75	Quart	\$23.80	\$65.44	\$2,617.45		
Other Labor							
Unallocated Labor	0.8992	Hour	\$15.00	\$13.49	\$539.52		
Transplant Melons	8	Hour	\$15.00	\$120.00	\$4,800.00		
Pickup Plastic	8	Hour	\$15.00	\$120.00	\$4,800.00		
Insecticide							
Admire Pro	0.4375	Pint	\$26.28	\$11.50	\$459.90		
Asana XL	5.8	Ounce	\$0.62	\$3.62	\$144.91		
Fungicides							
Bravo Ultrex	1	Pound	\$10.23	\$10.23	\$409.30		
Quadris	32	Ounce	\$1.56	\$49.99	\$1,999.50		
Irrigation							
Water Cost	1.18	Acre/Foot	\$33.01	\$38.82	\$1,552.64		
Irrigation Labor	3.00	Hour	\$17.50	\$52.50	\$2,100.00		
Machinery Labor							
Tractors/Self-Propelled	1.36	Hour	\$17.21	\$23.41	\$936.22		
Other Labor	0.41	Hour	\$17.21	\$7.06	\$282.24		
Diesel Fuel							
Tractors/Self-Propelled	8.78	Gallon	\$3.60	\$31.61	\$1,264.32		
Repairs & Maintenance							
Tractors/Self-Propelled	1	Acre	\$20.52	\$20.52	\$820.62		
Implements	1	Acre	\$11.23	\$11.23	\$449.29		
Interest on Credit Line			8.00%	\$65.43	\$2,617.26		
Total Variable Costs				\$4,657.24	\$186,289.65		
Planned Returns Above Variable Costs:					(\$857.24) (\$34,289.65)		
Breakeven Price to Cover Variable Costs			\$11.64	Carton			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
Machinery Depreciation							
Tractors/Self-Propelled	1	Acre	\$21.20	\$21.20	\$847.98		
Implements	1	Acre	\$12.28	\$12.28	\$491.10		
Equipment Investment							
Tractors/Self-Propelled	\$165.15	Dollars	8.00%	\$13.21	\$528.48		
Implements	\$62.99	Dollars	8.00%	\$5.04	\$201.57		
Cash Rent, Irrigated Vegetables	1	Acre	\$110.00	\$110.00	\$4,400.00		
Total Fixed Costs				\$161.73	\$6,469.13		
Total Specified Costs				\$4,818.97	\$192,758.77		
Returns Above Specified Costs					(\$1,018.97) (\$40,758.77)		
Breakeven Price to Cover Total Costs			\$12.05	Carton			

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.